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(54) ORGANIC ELECTROLYTE CELL

(57)Abstract:

PURPOSE: To improve preserving property of a cell, by using an alkaline metal including silicone dioxide or a silicate compound as a negative electrode active substance.

CONSTITUTION: To remove impurities in an organic electrolyte, such as peroxide compounds typically, and impurities melted from a positive electrode composite 4, an alkaline metal including silicone dioxide or a silicate compound is used as a negative electrode active substance. Therefore, the impurities in the organic electrolyte, peroxide compounds as a typical one, and the impurities melted from the positive electrode composite are absorbed or decomposed to make a stable compound by the silicone dioxide or the silicate compound, and so a lithium 2 surface, which is a negative electrode active substance, is not contaminated, whose active condition is maintained. Consequently, the preserving property can be improved.



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